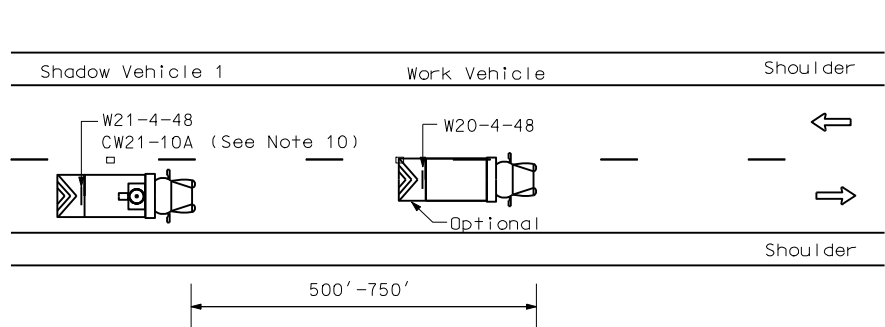
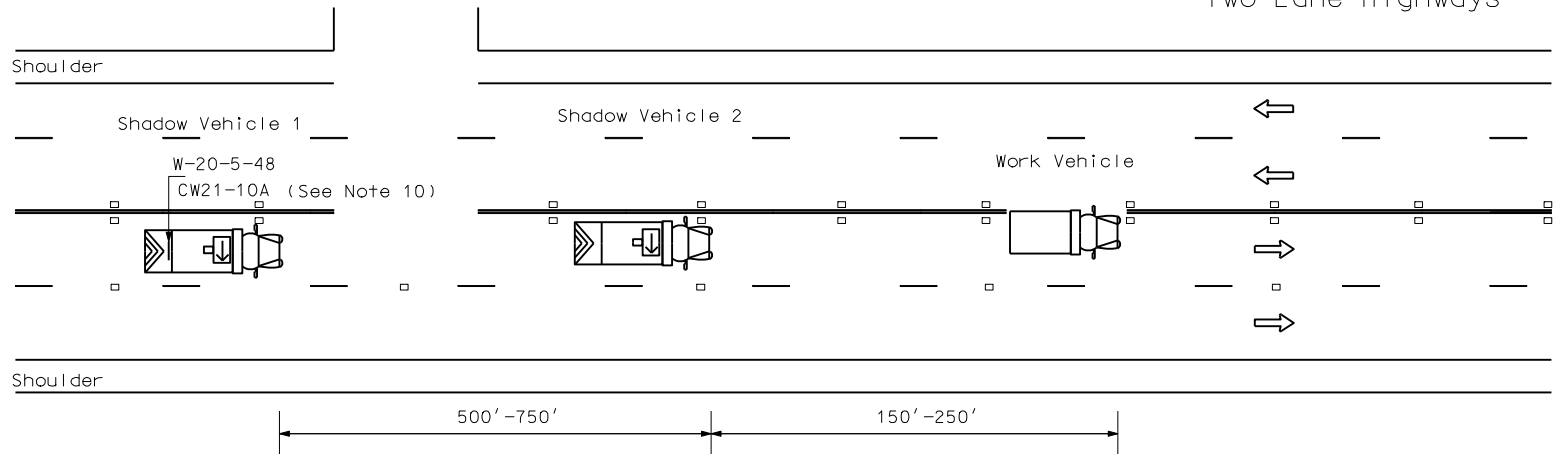


TRAFFIC CONTROL FOR MOBILE OPERATIONS

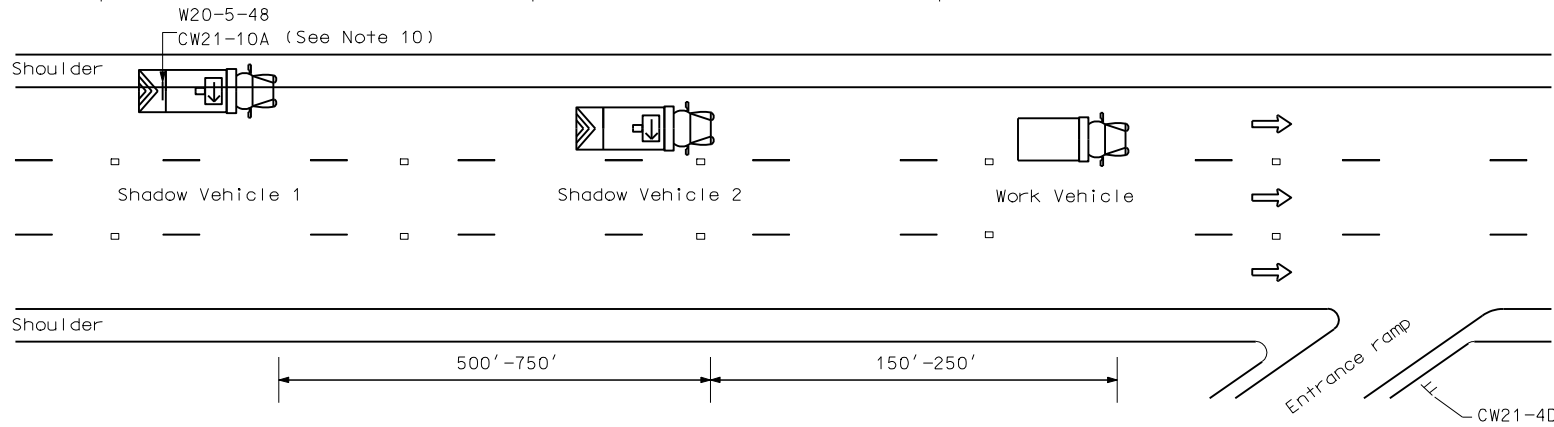
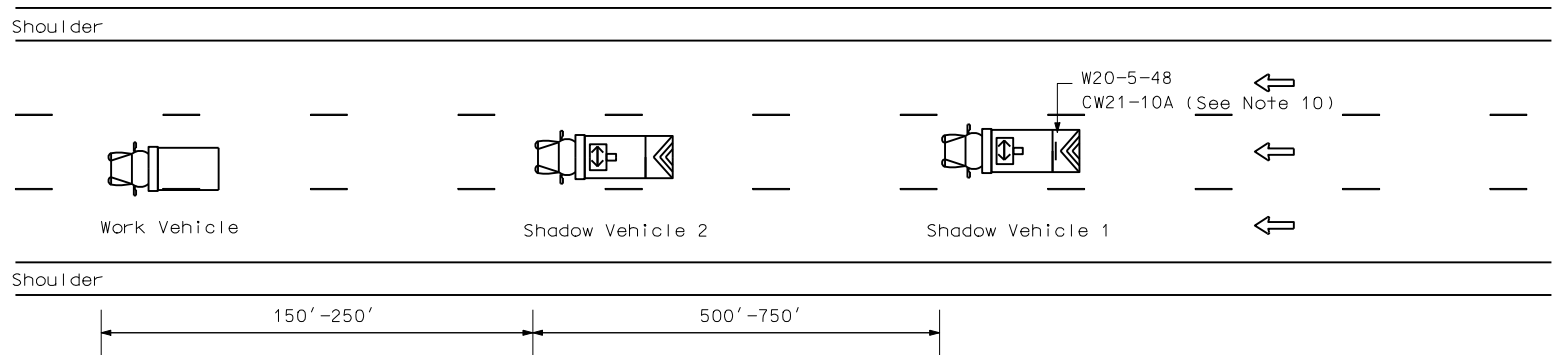
D-704-28



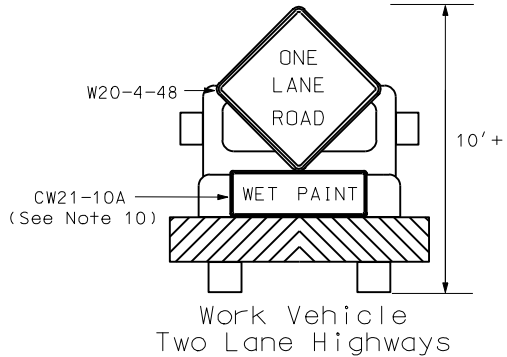
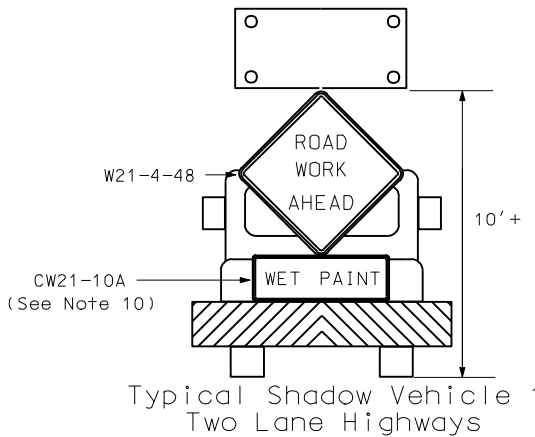
Two Lane Highway
(Work on Travel Lane)



Undivided Multi lane Highway



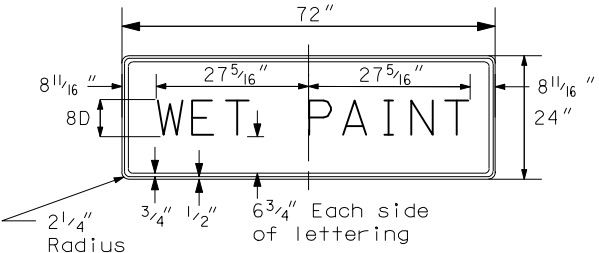
Divided Multi lane Highway



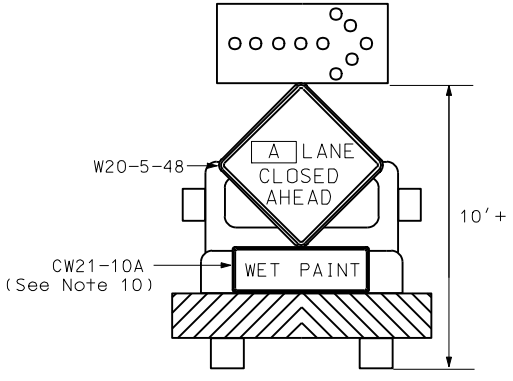
Sign Details



W20-5-48



CW21-10A



Typical Shadow Vehicle 1 & 2
Multi Lane Highways

- Notes
1. If the contractor chooses to place more vehicles in the convoy than are shown, these vehicles shall have the truck mounted attenuator and shall be at the contractors expense.
 2. All traffic control devices shall be in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
 3. Shadow and work vehicles shall display yellow rotating beacons or strobe lights.
 4. Flashing arrow panels shall be Type B. The panel operation shall be controlled from inside the vehicle.
 5. Each vehicle shall have two-way radio communication capability.
 6. When work convoys must change lanes, the shadow vehicle should change lanes first to shadow other convoy vehicles.
 7. Vehicle spacing between shadow vehicle 1 and shadow vehicle 2 will vary depending on sight distance restrictions. Motorists approaching the work convoy should be able to see the trail vehicle in time to slow down and/or change lanes as they approach the shadow vehicle.
 8. Sign Colors
Letters = Black
Border = Black
Background = Orange
 9. Shadow vehicle 2 may be used as the paint tender vehicle.
 10. Sign CW21-10A shall only be used during a painting operation.
 11. On two lane - two way roadways, the work and shadow vehicles should pull over periodically to allow motor vehicle traffic to pass.

KEY

- A = [Left] [Right] [Center]
- Truck mounted attenuator
 - Flashing arrow panels:
 - Right directional
 - Left directional
 - Double arrow directional
 - Caution Mode

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
01-22-92	
REVISIONS	
DATE	CHANGE
02-24-93	General
06-21-95	Remove arrow panels
06-04-99	W21-4-48 sign
10-01-99	General revisions
07-25-00	General revisions
05-24-02	Major revisions
12-01-04	PE Stamp added

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 12/01/04 and the original document is stored at the North Dakota Department of Transportation